Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: Trib. to Shibboleth Cr.
Water Body Identification #: 2121
Completed UAA Charless.
Completed UAA Checklist:
G Pre-Field Preparatory Data Sheet
G Maps with actual survey sites marked
G Data Sheet A
G Data Sheet B – 3 of 3 pages for each site
O Number of Sites: 6
G Data Sheet C (if applicable)
Number of Interviews:
G Photographs
 Quantities
• Upstream <u>6</u>
■ Downstream <u>6</u>
• Other
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA
is true and accurate.
Signed: Justia Crowley
Deline 136/ Care C
1 cicpitotte #: (711) 1 2010 - 849 C
Organization: Tetra tech Inc. Position: Scientist
2 outloit

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: Trib. to Shib	holeth (c					
(from USGS 7.5' quad)						
8-digit HUC: 7140104	Missouri Water Body Identification (WBID) #: 2121					
County: Washington						
Upstream Legal Description:						
Downstream Legal Description:						
Discharger Facility Name(s): Pelle for	·do:					
Weather Conditions for Doct 7.1	×1405					
W	Jarm 1 Sunney 850 F					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID # $\frac{2}{2}$ Date: $\frac{7}{27}$

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: Trib. to Shibbotch Cr.

WBID #: 2\2\
Upstream Coordinates: 38.02360
(WGS 84, ddd.ddddd) ~90.69809

Downstream Coordinates: 38.01690
(WGS 84, ddd.ddddd) ~90.68552

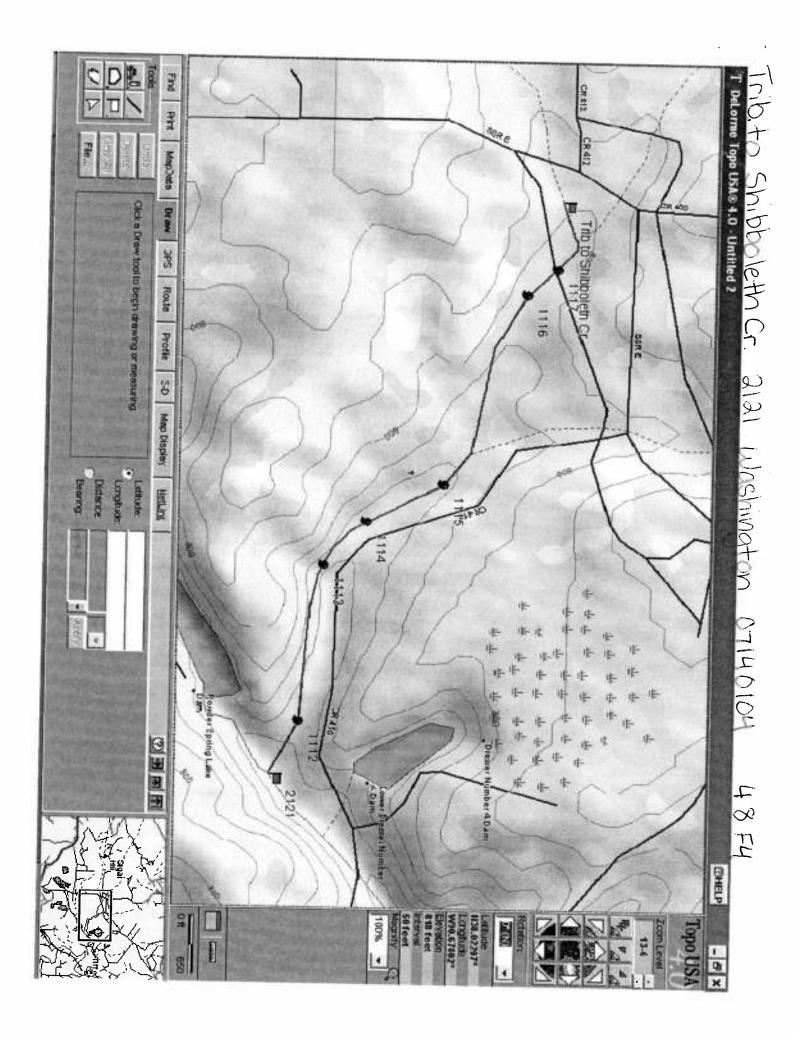
Current Weather Conditions: Warm, 54my 9 85°F

Number of Sites Evaluated: 6

Name(s) of Surveyor(s):

DB, 56

Trib. to. Shibboleth Cr. 2121 Sun Mine Dam Cannon Mines Sugar Trib to Shibboleth Cr 1112 owder Spring Lake Bottom Diamins Dam Shipboleth CadettNumber 2-Dam Happy Hollow adet Number 1 Dam Old Wolf Dam Cadet Scale 1 : 34,375 1" = 2860 ft DELORME © 2002 DeLorme. Topo USA ®. Data copyright of content owner. www.delorme.com



WBID #	9191	Site #	1117
Date:	1711)(a	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data	She	et B must be completed	for each site)	
Latitude (ddd.dddd):	38.0236	0		Arrival Time:	
	-90.6980			1200	
Photo Ids: Upstream:			nstream:	Other:	
#26	م اد		#257		
	<u> </u>	···			
arrative Description of	of Location: (De	scrib	e access point to stream, nea	arby roads, landmarks, etc.))
	5008+	E	e of mus	ic Drive	
urrounding Condition ms of interest.)	is*: (Mark all that p	orom	ote or impede recreational us	ses. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence ☐ Steep slopes			□ Other:	
uman Uses Observed	k.				
Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	Rafting
☐ Hunting	□ Trapping		☐ Fishing	None of the above	П Он-
			ng, frequency of use, photo-d		of recreational uses, etc.
idence of Human Use			T		1
Roads	☐ Foot paths/print	S	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:					
arces of Pollution: (e.g	., trash dumping, tir	es, di	ainages, discharges, etc.)		

WBID# >	Site # 11 $\frac{121}{97109}$	17_			4		
	Data	Sheet B - Site Ch	aracterization – 2	of 3			
Stream Morp Upstream	ohology: View Physical Dim	ensions:					
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)		
☐ Riffle							
□₁Run							
₩ Pool	500 Pt/	7	13	r (· 2		
Flow	Present? Yes	□ No	Velocity (ft/sec):	3sa/m			
Downstrea	Downstream View Physical Dimensions:						
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)		
☐ Riffle							
7 Run							
1 Pool	300Ft	2.5	10	15	•2		
Flow	Present?	□ No	Velocity (ft/sec): /	Specific			
Substrate*: (7	These values should add	up to 100%)					
50 %0		ravel % S	and %	Silt % Mud/Clay	% Bedrock		
Aquatic Veget	ation*: (Note amount	of vegetation or algal g	rowth at the assessmen		70 Bedrock		
	Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) 5000 aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)						
Water Charac	teristics*: (Mark all t	hat apply.)					

☐ Chemical

☐ Fine sediments

☐ Gray

☐ Foam

M None

□ **M**îlky

☑ None

Mone

☐ Other:

☐ Other:

☐ Other:

☐ Other:

Odor:

Color:

Bottom Deposit:

Surface Deposit:

□ Sewage

🖒 Clear

☐ Sludge

□ Oil

☐ Musky

☐ Green

☐ Solids

□ Scum

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID #_	1616	_Site#	1117
Data:	1,20	(97 <u>-</u>	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, how		Yes □ No lived here?					
2. Have you pe If so, ple	rsonally used th	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	□ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No							
If so, plea	ase check ALL t	hat apply:	Tor recreation since i	975? □ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
	How often have you observed it being used for recreation? G More than 5 times per year G 1-5 times per year C Less than 1 time per year – please describe:						
4. Additional Comments:							
Contact Informa Name: Address: Telephone #:	ation (if willing	to provide):					

WBID #_	1616	_ Site #	MVO
Date:	1997/1	\sim	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	202 NA3	2 6	Arrival Time:	
Longitude (ddd.dddd):	38.033 =90.699	724	12 10	
	~~(O.W.C	Downstream:	Other:	
Photo Ids: Upstream:	9Z =	tt 259	Omer:	•
	00	, 4201		
Narrative Description	of Location: (De	scribe access point to stream, ne	arby roads, landmarks, etc.))
	$\approx \hat{c} $	20m DS 11	17	
Surrounding Condition tems of interest.)	ns*: (Mark all that p	promote or impede recreational t	uses. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ State parks ☐ National forests		☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:	
Human Uses Observed	* •			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
Describe: (include numb	er of individuals rec	reating, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)
	M			
Evidence of Human Us	e*:			
☐ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:				3
ources of Pollution: (e.	g., trash dumping, ti	res, drainages, discharges, etc.)		

Max Depth (m)

Avg. Depth (m)

a. / /			
·/_	06		
	Data !	Sheet B - Site Cha	aracterization -
	phology:		
pstream	View Physical Dime	nsions:	
	Distance from access point (m)	Width (m)	Length (m)
□ Riffle	Distance from		Length (m)
	Distance from		Length (m)
□ Riffle	Distance from		Length (m)

Downstrean	n View Physical	Dimensions:				
	Distance from access point (m)	Width (m)	Lengt	h (m) A	vg. Depth (m)	Max Depth (m)
☐ Riffle						
☐ Run						
Pool	120051117	3	12		.15	. 3
✓ Flow	Present? Yes	□ No	Velocity (f	t/sec):	30/100	<u> </u>
	hese values should ac					
95 % C	obble 35 %	Gravel	% Sand	% Silt	% Mud/Clay	50 % Bedrock
Aquatic Vegeta	tion*: (Note amou	nt of vegetation or	algal growth at the	assessment site.)	1	
		algae				
V <u>ater Charact</u>	eristics*: (Mark al	l that apply.)		,		
Odor:	□ Sewage	□ Musky	☐ Chemical	None	☐ Other:	
Color:	Clear	☐ Green	☐ Gray	□Milky	☐ Other:	
Bottom Deposi	t: 🗆 Sludge	□ Solids	☐ Fine sedimen	ts Dyone	☐ Other:	
Surface Deposi	t: 🗆 Oil	□ Scum	☐ Foam	None	☐ Other:	

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WBID#	9191	Site #	1116

Date: 1/27/06

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local onditions, problems in measuring, site relocation).	
	_
	_
	_
	_

Date: 1/27/06

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

If so, how 2. Have you pe	rsonally used th	lived here?is water body for r	ecreation since 1975?	□ Yes □ No		
If so, please check ALL that apply:						
☐ Wind surfing		☐ Boating	☐ Tubing	☐ Water skiing		
☐ Hunting	☐ Trapping	☐ Fishing	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:		
How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No						
☐ Swimming	ase check ALL t	hat apply: ☐ SCUBA diving	☐ Tubing	□ W-+1:::		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing ☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:		
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:						
4. Additional Comments:						
Contact Informa Name: Address:	ition (if willing	to provide):	·			

WBID # 212\ Site # 1115

Date: 1/2/00

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	2200	319		Arrival Time:	
Longitude (ddd.dddd):	38.03 -90.6	9/4	aЦ		20
Photo Ids: Upstream:	I	Downs	tream:	Other:	70
#30) \		#260		
Narrative Description	of Location: (De	scribe	access point to stream, nea	arby roads, landmarks, etc.)	
\lesssim	20 06	> 11	16		
Surrounding Condition items of interest.)	s*: (Mark all that p	promo	te or impede recreational u	ses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds		IDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		ational forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence		teep slopes	☐ Other:	
Human Uses Observed	k •	r			
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	☑ None of the above	☐ Other:
Describe. (include number	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)				
Evidence of Human Use	;* :				
☐ Roads	☐ Foot paths/prin	its	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:					
Sources of Pollution: (e.g	g., trash dumping, ti	res, dr	ainages, discharges, etc.)		

WBID# \Rightarrow	1 <u> 1 1 1 1 1 1 1 1 1 </u>	115			
Date: $\frac{7}{2}$					4
		a Sheet B - Site Ch	aracterization – 2	of 3	
Stream Morp Upstream					
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
Run					
Pool -	120 DS 146	2.5	$\square \mathcal{B}$.2	.25
Flow	Present? Yes	□ No	Velocity (ft/sec):		
<u>Downstrea</u>	m View Physical I	Dimensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□Riffle					
Run					
Pool	2190 DOM10	3	12		25
Flow	Present? Yes	□ No	Velocity (ft/see):	doculm	
Substrata*. //	Than and a 11 1	1			
3 w G	These values should add	Gravel % S	and 9/	Silt % Mud/Clay	CD
<u> </u>					SO % Bedrock
Aquatic Vege	tation*: (Note amoun	t of vegetation or algal g	growth at the assessme	ent site.)	
		106 of	algae		
Water Charac	cteristics*: (Mark all	that apply.)		, ,	
Odor:	□ Sewage		Chemical V	None Other:	56/1/2V06
Color:	Clear		<u>_</u>	filky Other:	

☐ Foam

☐ Fine sediments

None

VNone

Bottom Deposit:

Surface Deposit:

☐ Sludge

□ Oil

☐ Solids

☐ Scum

☐ Other:

☐ Other:

☐ Other:

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WBID #_	9191	_ Site # _	1115
Date: 7	1201	<u> </u>	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g conditions, problems in measuring, site relocation).	., unanticipated unique local

WBID	#	2	131	_ Site	#_	111	15	
------	---	---	-----	--------	----	-----	----	--

Date: 7/27/06

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

 Do you live in the area? ☐ Yes ☐ No If so, how long have you lived here? 					
2. Have you pe	rsonally used the	is water body for re	ecreation since 1975?	□ Yes □ No	
☐ Swimming	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
	How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:				
3. Have you obs	served others us ase check ALL t	ing this water body hat apply:	for recreation since 1	975? □ Yes □ No	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:					
4. Additional Comments:					
Contact Information (if willing to provide): Name: Address:					

WBID #_	9191	Site #	1114	
n 1	2	191.	· ·	

Date: 1 100

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	29.01.820		Arrival Time:			
Latitude (ddd.dddd): Longitude (ddd.dddd):	-an + (688L	1227	D			
Photo Ids: Upstream:	1	Other:				
J6#	9	#263				
Narrative Description	of Location: (De	scribe access point to stream,	nearby roads landmonte etc.)			
)		
	A	tlong Hinch	road			
Surrounding Conditio		promote or impede recreationa		ence or unusual		
tems of interest.)						
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:	☐ Other:		
Iuman Uses Observed	[*:					
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:		
Describe: (include numb	er of individuals rec	reating, frequency of use, pho-	to-documentation of evidence	of recreational uses, etc.)		
		•				
Evidence of Human Us	e*:					
□ Roads	☐ Foot paths/prin	nts Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites		☐ NPDES Discharge	☐ Fishing Tackle		
☐ Other:				1 8		
L						
ources of Pollution: (e	.g., trash dumping, ti	res, drainages, discharges, etc.)			
i.						

	BID # 2\	mole -				4
		Data	Sheet B - Site Ch	aracterization – 2	of 3	
	ream Morj Upstream	phology: View Physical Din	iensions:			
		Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
	□/Riffle					
	Run					
Цi	Aproc	25	5	10		2
	Flow	Present? Yes	□ No	Velocity (ft/sec):	Dorling	
ĺ	Downstrea	am View Physical I	Dimensions:			
		Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
	□ Riffle					
	□ Run			,		
	M Pool	25 /	5	8	-	.2
	Flow	Present? Yes	□ No	Velocity (ft/sec):	Foce In	
Su	bstrate*: (These values should ad-	d up to 100%.)			
	25 %	Cobble 25 %C	Gravel %	Sand %	Silt % Mud/Cla	y 50 % Bedrock
Αq	uatic Vege	tation*: (Note amoun	t of vegetation or algal	growth at the assessmen	nt site.)	
		zon:	l agatec	veg		
Wa	iter Chara	cteristics*: (Mark all	that apply.)	/		

1 Mile

Odor:

Color:

Bottom Deposit:

Surface Deposit:

☐ Sewage

🗘 Clear

□ Sludge

□ Oil

☐ Musky

☐ Green

 \square Solids

☐ Scum

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

☐ Foam

☐ Chemical

☐ Fine sediments

☐ Gray

None

□_AMilky

🗖 None

None

☐ Other:

☐ Other:

☐ Other:

☐ Other:

WBID #_	1616	_ Site # _	1114
Date:	112-11	70	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e. conditions, problems in measuring, site relocation).	g., unanticipated unique local

WBID #	2121	Site #	1114
Date:	11271	06	_

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live i		Yes 🗆 No lived here?		
2. Have you per If so, plea	rsonally used thi	s water body for re	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	G 1 – 5 times G Less than served others us:	5 times per year s per year 1 time per year – p ing this water body	lease describe:	
☐ Swimming	use check ALL to	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
(G More than $1-5$ times		for recreation?	
4. Additional Co	omments:			
Contact Informa Name: Address:	ation (if willing	to provide):		

WBID #	1616	Site # _	1113
Date:	1/21/	00	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Longitude (ddd.dddd): Photo Ids: Upstream: arrative Description of arrounding Conditions ms of interest.) City/county parks Boating accesses No trespass sign	f Location: (Des	· 69 Downs	8717 htream: #265	Arrival Time: \(\frac{\partial}{\partial}\) Other: \(\frac{\partial}{\partial}\)	o House
arrative Description of	f Location: (Des	Downs	#765	Other: #364	House
arrative Description of	f Location: (Des		*765	#364	, House
rrounding Conditions ms of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign		scribe			
rrounding Conditions ms of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign			access point to stream, nea	rby roads, landmarks, etc.)	
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign		de	of Hinch F	2d1	
☐ Boating accesses ☐ No trespass sign	s*: (Mark all that p	oromo	te or impede recreational us	ses. Attach photos of evider	nce or unusual
☐ No trespass sign	☐ Playgrounds	ПΝ	MDC conservation lands	☐ Urban areas	☐ Campgrounds
	☐ State parks		lational forests	☐ Nature trails	☐ Stairs/walkway
uman Uses Observed*:	☐ Fence		teep slopes	Other: HOLK	
	:				
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	□ Other:
Describe: (include number			, nequency of use, photo-d	ocumentation of evidence	of recreational uses, etc.
	☐ Foot paths/prin	ts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:			<u> </u>		I ISIMING I dONIC
of D. II. di					
urces of Pollution: (e.g.,	4				
	, mash dumping, tii	es, dra	ainages, discharges, etc.)		

WBID #	<u> 2131</u> Site# <u>11</u>	13_			4
	Data	a Sheet B - Site Cha	aracterization – 2 (of 3	
Stream Mor Upstream	phology: View Physical Din	nensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
□ Run					
Pool	10 /	5	12 comob	.25	.4
Flow	Present? Yes	□ No	Velocity (14/sec):	-25 25c/m	
Downstrea	ım View Physical I	Dimensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle				48	
□ Run			36-7/27/06		
Pool	10	5	P 17	15	.25
Flow	Present? Yes	□ No	Velocity (fl/sec) :	15/1/2	
	These values should ad)	
\(\mathcal{B}\)\(\sigma\)\(\pi\)	Cobble - 35 % C	Gravel % S	Sand % S	Silt % Mud/Clay	y 50 % Bedrock
Aquatic Vege	tation*: (Note amoun	at of vegetation or algal g	growth at the assessmen	at site.)	
	bane	algae			
Water Chara	cteristics*: (Mark all	that apply.)			
Odor:	□Æewage		Chemical No	one	

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

☐ Foam

☐ Gray

☐ Fine sediments

☐ Malky

√ None

None

 \square Other:

☐ Other:

☐ Other:

Color:

Bottom Deposit:

Surface Deposit:

🗹 Clear

 \square Sludge

☐ Oil

☐ Green

□ Solids

☐ Scum

WBID	#	1616	Site #	1113
Datas	7	12-16	210	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanconditions, problems in measuring, site relocation).	ticipated unique local

WBID #_	2131	_ Site #	1113_
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Date: 7129106

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, how		Yes □ No lived here?		
2. Have you pe If so, ple	rsonally used thase check ALL	is water body for re that apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you ob:	G 1 – 5 time G Less than	5 times per year s per year 1 time per year – p ing this water body	lease describe:	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
	G More than $1-5$ times	rved it being used 5 times per year s per year 1 time per year – p		
4. Additional Co	omments:			
Contact Informa Name: Address:	ation (if willing	to provide):		

WBID #_2\2\	Site # _	1112
Date: 1/27	1010	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

1	38.014	o90	Arrival Time:	
Longitude (ddd.dddd)	38.014 - 90.69	2661	139	õõ
Photo Ids: Upstream:		Downstream:	Other:	•
rrative Description	_	escribe access point to stream, ne	arby roads, landmarks, etc.))
rrounding Conditions of interest.)		promote or impede recreational t	uses. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	□ Other:	
man Uses Observe	d*:			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Wind surfing	L Kayaking	···		
☐ Hunting	☐ Trapping	☐ Fishing reating, frequency of use, photo-	None of the above	Other:
☐ Hunting	☐ Trapping	☐ Fishing reating, frequency of use, photo-	None of the above documentation of evidence	Other:
☐ Hunting Describe: (include num	☐ Trapping aber of individuals rec		None of the above documentation of evidence	Other:
☐ Hunting Describe: (include num idence of Human U ☐ Roads	☐ Trapping The	reating, frequency of use, photo-	None of the above documentation of evidence	of recreational uses, et
☐ Hunting Describe: (include num	☐ Trapping aber of individuals rec se*:	reating, frequency of use, photo-	documentation of evidence	of recreational uses, et

WBID #	Site #	12			4
Date:/_		a Sheet R - Site Cl	haracterization – 2	6.2	
C4 3.6		a Sheet B - She C	naracterization – 2	01 3	
Stream Mor	phology: View Physical Dir	nancione:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run	·				50-7-27-06
Vool	160 DS 142		12	4	(950) EG
Flow	Present? Yes	□ No	Velocity (ft/sec):	= carling	Kan .00
D				South	
Downstrea	am View Physical l	Dimensions:			
	access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run					
v Pool	160051112	5	R	1,2	2
Flow	Present?	□ No	Velocity (ft/sec):	35cm	
0-1-4-4				sulph	
	These values should ad Cobble % (a .I		
	Cobble 966	Gravel %	Sand %	Silt % Mud/Cla	y 50% Bedrock
Aquatic Vege	tation*: (Note amour	nt of vegetation or algal	growth at the assessme	ent site)	
	± .			ant dite.)	
	102	Dagoate Ve	<i>3</i> .		
<u> </u>					
	cteristics*: (Mark all	that apply.)			
Odor:	Sewage	□ Musky □	Chemical Y	None	
Color:	√ Clear	☐ Green ☐	Gray 🗆 🗎	Milky □ Other:	
Bottom Depo	osit: 🗆 Sludge	□ Solide □	Fine godinanta H	·	

☐ Foam

☐ Fine sediments

None

☐ Other:

☐ Other:

☐ Sludge

☐ Oil

Surface Deposit:

☐ Solids

☐ Scum

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WBID # <u>2/2/</u>	Site # _	7113
Date: 7/27	106	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated u conditions, problems in measuring, site relocation).	from protocol and the reasons for departure (e.g., unanticipated unique local on).	

WBID # <u>∂/∂/</u>	Site # _	1113
Date:	1106	

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, how	in the area?			views)		
2. Have you pe	rsonally used that ase check ALL to	is water body for re	ecreation since 1975?	□ Yes □ No		
	☐ Skin diving ☐ SCUBA divi		☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Wind surfing ☐ Kayaking		☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
	G 1 – 5 times G Less than	5 times per year s per year 1 time per year – p	lease describe:			
3. Have you obs	3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:					
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
(G More than $1-5$ times		For recreation?			
4. Additional Co	omments:					
Contact Informa Name: Address:	tion (if willing t	to provide):				



Site# 1117 Photo ID# 256, Upstream



Site# 1116 Photo ID# 258, Upstream



Site# 1117 Photo ID# 257, Downstream



Site# 1116 Photo ID# 259, Downstream



Site# 1115 Photo ID# 261, Upstream



Site# 1114 Photo ID# 262, Upstream



Site# 1115 Photo ID# 260, Downstream



Site# 1114 Photo ID# 263, Downstream



Site# 1113 Photo ID# 264, Upstream



Site# 1113 Photo ID# 266, House



Site# 1113 Photo ID# 265, Downstream



Site# 1112 Photo ID# 268, Upstream



Site# 1112 Photo ID# 267, Downstream